

Universidad Rafael Landívar

Facultad de Ingeniería

Ingeniería en informática y sistemas

Pensamiento computacional, Sección 08

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Pantallazo 1

The screenshot shows the freeCodeCamp assignment interface. At the top, the header reads "freeCodeCamp (🔥)" with a globe icon and a "Menu" button. Below this, the "Assignment" section contains a task: "Complete the [Write Your First C# Code](#) module on Microsoft Learn. Then, answer the question below." The "Question" section asks: "What is the difference between `Console.Write` and `Console.WriteLine`?" There are three radio button options:
1. `Console.Write` prints the output on a new line.
2. `Console.WriteLine` prints the output on a new line.
3. `Console.WriteLine` appends a new line after the output.
The third option is selected, and a green "Correct!" message is displayed. At the bottom of the question area is a "Check your answer" button. The Windows taskbar at the bottom shows various application icons and a system clock indicating 01:30 on 14/03/2025.

Pantallazo 2

The screenshot shows the freeCodeCamp assignment interface. The header is the same as in the first image. The "Assignment" section contains a task: "Complete the [Store and Retrieve Data Using Literal and Variable Values in C#](#) module on Microsoft Learn. Then, answer the question below." The "Question" section asks: "Which of the following lines of code creates a variable correctly?" There are three radio button options:
1. `int x = 12.3m;`
2. `decimal x = 12.3m;`
3. `bool x = 'False';`
The second option is selected, and a green "Correct!" message is displayed. At the bottom of the question area is a "Check your answer" button. The Windows taskbar at the bottom shows various application icons and a system clock indicating 01:29 on 14/03/2025.

Pantallazo 3

The screenshot shows the freeCodeCamp assignment interface. At the top, the header reads 'freeCodeCamp' with a flame icon, a globe icon, and a 'Menu' button. Below the header, the word 'Assignment' is centered. A task box contains the instruction: 'Complete the [Perform Basic String Formatting in C#](#) module on Microsoft Learn. Then, answer the question below.' The 'Question' section asks: 'Which of the following lines of code correctly uses string interpolation assuming that the variable `value` is a string?'. Three radio button options are listed:
1. `Console.WriteLine(@"My value: {value}");`
2. `Console.WriteLine($"My value: {value}");` (This option is selected with a green dot and a green 'Correct!' message appears to its left)
3. `Console.WriteLine(@"My value: [value]");`
Below the options is a 'Check your answer' button. The Windows taskbar at the bottom shows various application icons and the system clock indicating 01:31 on 14/03/2025.

Pantallazo 4

The screenshot shows the freeCodeCamp assignment interface. At the top, the header reads 'freeCodeCamp' with a flame icon, a globe icon, and a 'Menu' button. Below the header, the word 'Assignment' is centered. A task box contains the instruction: 'Complete the [Perform Basic Operations on Numbers in C#](#) module on Microsoft Learn. Then, answer the question below.' The 'Question' section asks: 'What is the value of the following result?'. A code box shows the expression: `1 | int result = 3 + 1 * 5 / 2;`. Three radio button options are listed:
1. 10
2. 5 (This option is selected with a green dot and a green 'Correct!' message appears to its left)
3. 6
The Windows taskbar at the bottom shows various application icons and the system clock indicating 01:31 on 14/03/2025.

Pantallazo 5

The screenshot shows the freeCodeCamp assignment page for 'Calculate and Print Student Grades'. The assignment instruction is to complete the project on Microsoft Learn and answer the question below. The question asks what is wrong with the following code:

```
1 | int sophiaSum;  
2 | Console.WriteLine("Sophia: " + sophiaSum);
```

Three radio button options are provided:

- ☒ `sophiaSum` is not initialized before use
- ☐ `sophiaSum` is not implicitly typed to a string
- ☐ `sophiaSum` should use the var keyword

The first option is selected, and the word 'Correct!' is displayed in green text to the left of the options.

The Windows taskbar at the bottom shows various application icons and the system clock indicating 01:32 on 14/03/2025.

Pantallazo 6

The screenshot shows the freeCodeCamp assignment page for 'Calculate Final GPA'. The assignment instruction is to complete the project on Microsoft Learn and answer the question below. The question provides the following code:

```
decimal gradePointAverage = 3.99872831m;
```

It then asks for the value of `(int) gradePointAverage`. Three radio button options are provided:

- ☐ 3.99
- ☐ 4
- ☒ 3

The third option is selected, and the word 'Correct!' is displayed in green text to the left of the options.

The Windows taskbar at the bottom shows various application icons and the system clock indicating 01:32 on 14/03/2025.

Pantallazo 7

